

In The Drawings

Applicant is submitting new formal drawings with this Office Action Response. In particular, Applicant has added the legend "Prior Art" to FIG.1 as required by the Examiner, and has corrected the informalities indicated on the Notice of Draft Person's Patent Drawing Review accompanying the Office Action. In addition, Applicant is sending the Examiner the new formal drawings under separate cover with a request that the Examiner forward the new drawings to the draftsperson for review. Applicant is not adding new matter with these drawing amendments.

31876.0140

PATENT
09/405,618

New Formal Drawings

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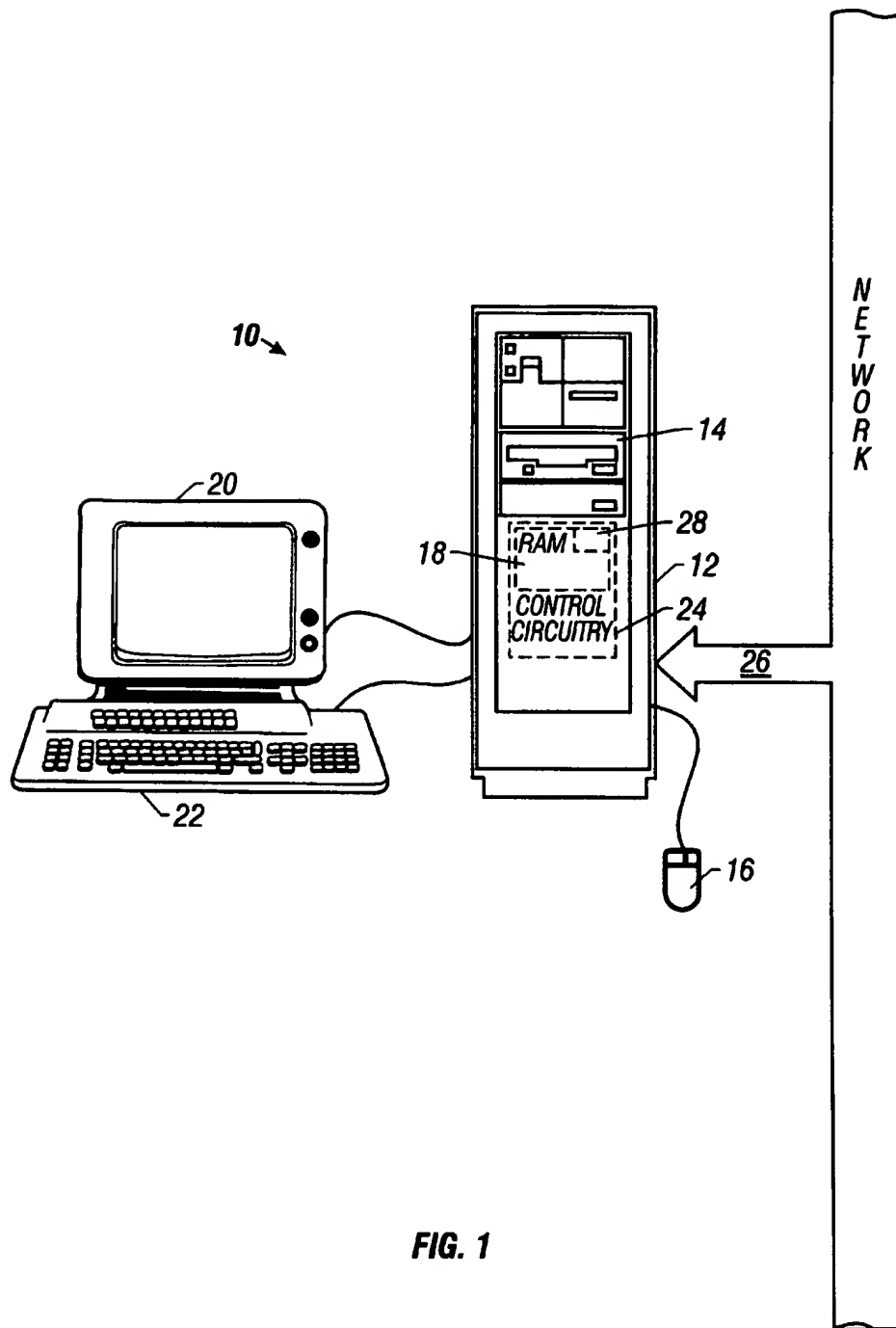


FIG. 1

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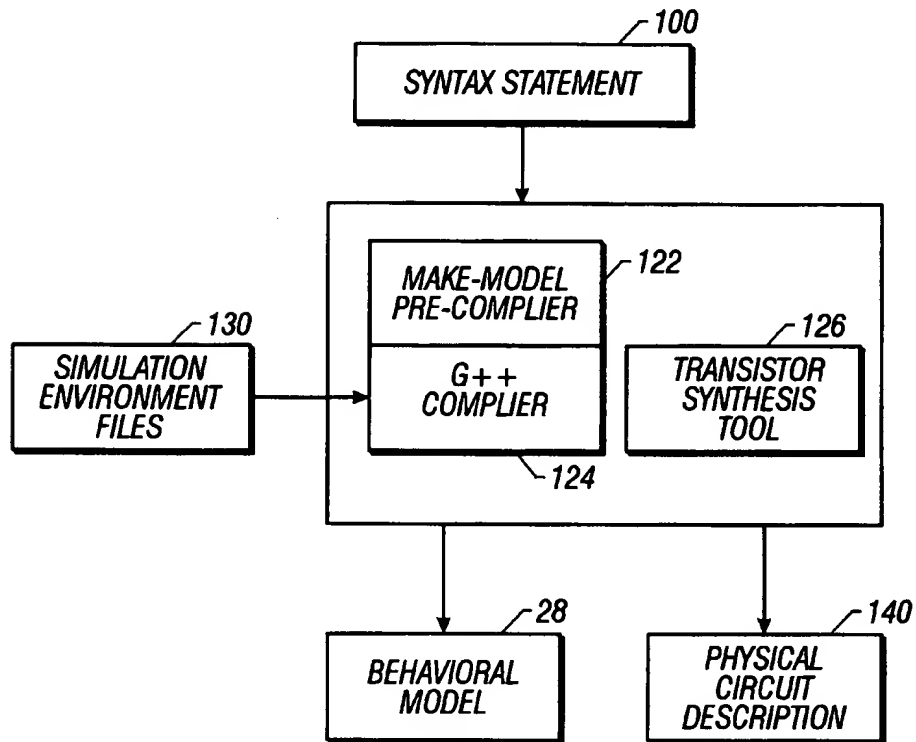


FIG. 2

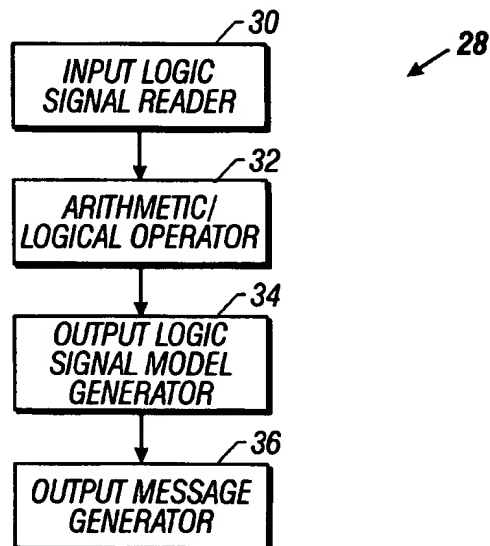


FIG. 3

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STR	CORRESPONDS TO
11	Z - high impedance
10	R - weakly-driven
01	moderately-driven
00	strongly-driven

202	204	206						
200	U	STR	VALUE					
	7	6	5	4	3	2	1	0

VALUE	CORRESPONDS TO	VALUE	CORRESPONDS TO
00000	N-nary signal value = 0	10000	N-nary signal value = 16
00001	N-nary signal value = 1	10001	N-nary signal value = 17
00010	N-nary signal value = 2	10010	N-nary signal value = 18
00011	N-nary signal value = 3	10011	N-nary signal value = 19
00100	N-nary signal value = 4	10100	N-nary signal value = 20
00101	N-nary signal value = 5	10101	N-nary signal value = 21
00110	N-nary signal value = 6	10110	N-nary signal value = 22
00111	N-nary signal value = 7	10111	N-nary signal value = 23
01000	N-nary signal value = 8	11000	N-nary signal value = 24
01001	N-nary signal value = 9	11001	N-nary signal value = 25
01010	N-nary signal value = 10	11010	N-nary signal value = 26
01011	N-nary signal value = 11	11011	N-nary signal value = 27
01100	N-nary signal value = 12	11100	N-nary signal value = 28
01101	N-nary signal value = 13	11101	N-nary signal value = 29
01110	N-nary signal value = 14	11110	N-nary signal value = 30
01111	N-nary signal value = 15	11111	N-nary signal value = 31

FIG. 4

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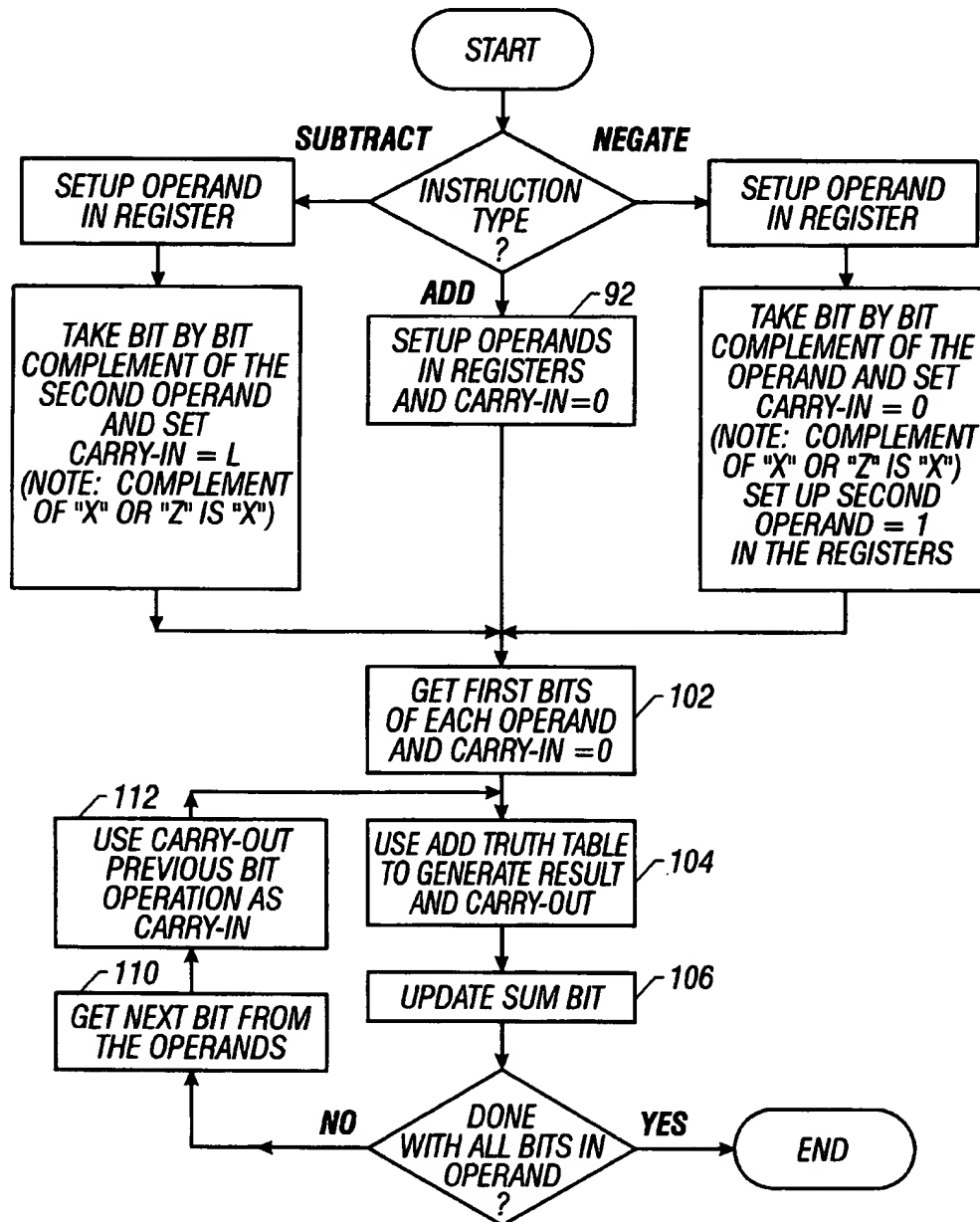


FIG. 5A

OPERAND 2		OPERAND 1		CIN	OPERAND 2		OPERAND 1		CIN	OPERAND 2		OPERAND 1		CIN
RESULT	0 1 X Z	0 1 X X	0 1 X X	0	0 1 X X	0 1 X X	0 1 X X	0	0 1 X X	0 1 X X	0 1 X X	0 1 X X	0	0 1 X X
OPERAND 1	0 1 X X	0 1 X X	0 1 X X	1	0 1 X X	0 1 X X	0 1 X X	1	0 1 X X	0 1 X X	0 1 X X	0 1 X X	1	0 1 X X
	X X X X	X X X X	X X X X	X	X X X X	X X X X	X X X X	X	X X X X	X X X X	X X X X	X X X X	X	X X X X
	Z X X X	Z X X X	Z X X X	Z	Z X X X	Z X X X	Z X X X	Z	Z X X X	Z X X X	Z X X X	Z X X X	Z	Z X X X

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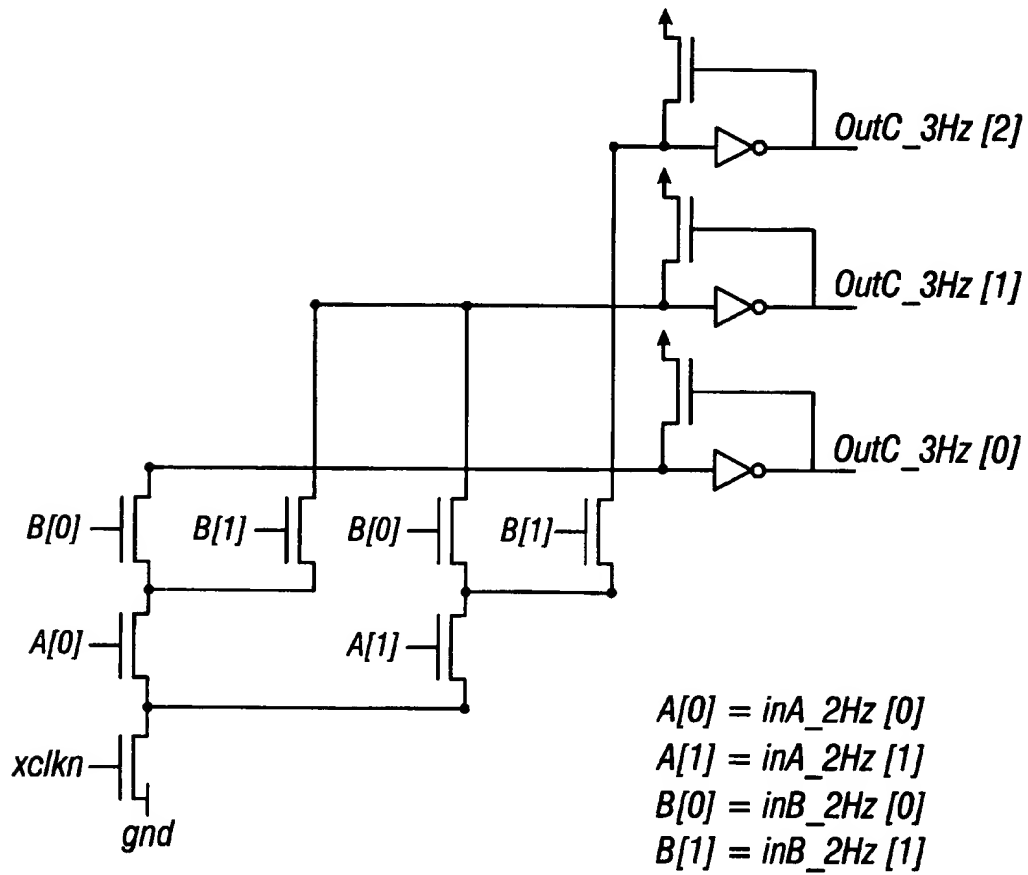


FIG. 6

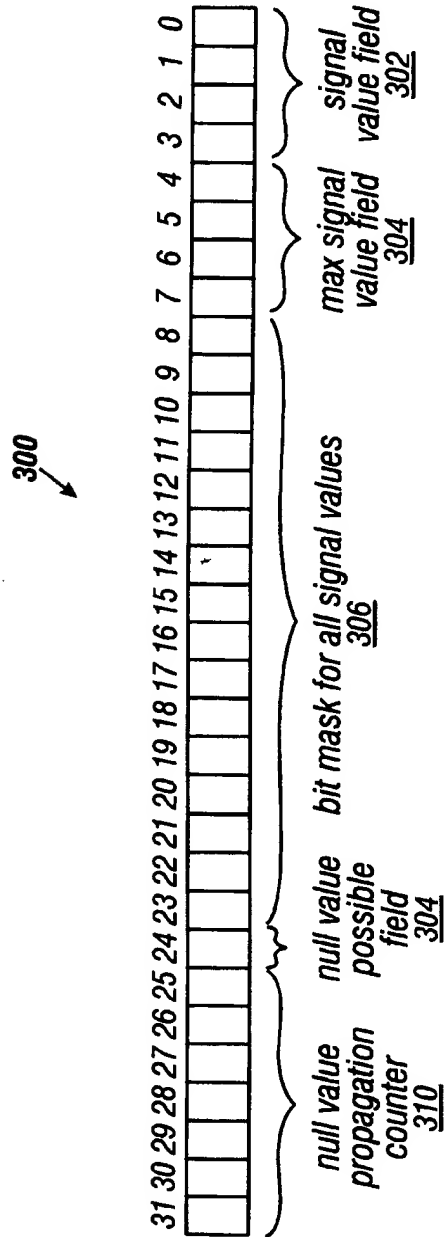


FIG. 7